

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8502070220 DOC. DATE: 85/01/31 NOTARIZED: NO DOCKET #
 FACIL: 50-261 H. B. Robinson Plant, Unit 2, Carolina Power and Light 05000261
 AUTH. NAME: AUTHOR AFFILIATION
 ZIMMERMAN, S.R. Carolina Power & Light Co.
 RECIP. NAME: RECIPIENT AFFILIATION
 VARGA, S.A. Operating Reactors Branch 1

SUBJECT: Submits addl info, per 841228 commitment, re conformance of
 post-accident sampling sys to requirements of std test
 matrix. Mods include installation of thermocouple at outlet
 of boron meter.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2
 TITLE: OR Submittal: General Distribution

NOTES:

05000261

OL: 07/31/70

RECIPIENT		COPIES		RECIPIENT		COPIES	
ID	CODE/NAME	LTTR	ENCL	ID	CODE/NAME	LTTR	ENCL
NRR	ORB1 BC 01	7	7				
INTERNAL:	ACRS 09	6	6	ADM	LFMB	1	0
	ELD/HDS1	1	0	NRR	DE/MTEB	1	1
	NRR/DL DIR	1	1	NRR	DL/ORAB	1	0
	NRR/DL/TSRG	1	1	NRR	DSI/METB	1	1
	NRR/DSI/RAB	1	1	<u>REG FILE</u>	04	1	1
	RGN2	1	1				
EXTERNAL:	LPDR 03	1	1	NRC	PDR 02	1	1
	NSIC 05	1	1				

TOTAL NUMBER OF COPIES REQUIRED: LTTR 26 ENCL 26



Carolina Power & Light Company

JAN 31 1985

SERIAL: NLS-85-024
NRC TAC # 44474

Director of Nuclear Reactor Regulation
Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing
United States Nuclear Regulatory Commission
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
POST-ACCIDENT SAMPLING SYSTEM (PASS) -
CONFORMANCE TO STANDARD TEST MATRIX

Dear Mr. Varga:

SUMMARY

Carolina Power & Light Company (CP&L) submitted a partial response to NRC concerns regarding the PASS at H. B. Robinson Steam Electric Plant, Unit 2 (HBR2) on December 28, 1984. That submittal contained a commitment to provide further information regarding the conformance of the PASS instrumentation to the requirements of the Standard Test Matrix.

DISCUSSION

In discussions with the PASS sink vendor, Combustion Engineering, it was determined that the HBR2 sink is essentially identical to that installed at St. Lucie Unit 2. The Company has made three modifications to the HBR2 unit:

1. A thermocouple was installed at the outlet of the boron meter.
2. The pH probe was changed to an advanced technology probe which does not need an external reference solution. This does not change the probe housing since the new probe was inserted into the old housing.
3. A float vent valve was installed on the line from the surge tank to the gas discharge line to prevent the entry of liquid into this line and ultimately into the containment air monitors (RMS-11 and RMS-12). This does not affect the normal flow of gases through the line.

These changes provide additional information, safety, and technological enhancement but do not change the design or operation of the sink.

8502070220 850131
PDR ADDCK 05000261
P PDR

900'
1/0

Testing was performed by Combustion Engineering on PASS equipment at their facility. Results of this testing was documented and submitted on the St. Lucie docket. The report submitted by Florida Power & Light is applicable to the HBR2 PASS. Since the sinks are equivalent and test results have already been submmitted, an additional submittal by CP&L would be redundant.

Questions regarding this matter may be referred to Mr. Stephen D. Floyd at (919) 836-6901.

Yours very truly,



S. R. Zimmerman

Manager

Nuclear Licensing Section

JSK/crs (1078JSK)

cc: Mr. J. P. O'Reilly (NRC-R11)
Mr. G. Requa (NRC)
Mr. H. Krug (NRC Resident Inspector - RNP)